



TOUCH SCREEN PANEL with FRIENDLY USER INTERFACE (ISE-SW®)

- **Digital Joy-Stick.** Which allow the x/Y movement of the automated stage
- **Programming capabilities.** It is possible to store (and use later) up to 5 different 5 geometry
- **Selection** (in any combination) **of the donor or recipient position** on the 6 holder block position
- **Construction function** (supports the user during the construction of the TMA)
- **Needle Calibration function**
- **Screen calibration function**

UP-TO-6 BLOCK AUTOMATED STAGE

- **Computer assisted automated stage** ensures precise and rapid positioning of the paraffin blocks (operated via Digital Joy-Stick).
- **6 positions Sample holder.** Donors and recipients can be positioned in any location.

AUTOMATED NEEDLE POSITIONING

- **Automated needle positioning,** avoids errors during TMA construction, speeds up the process and increase quality of the TMA.
- **Core insertion depth regulation,** position recipient core needles aligned to the top of the paraffin block.
- **Easy needle mounting.**
- **Standard 0,6, 1,0, 1,5 & 2,0 mm diameter needles.** Available also 3.0 and 5.0 mm diameters needles

Covered under NIH License Agreement for the following Patent(s) or Patent Application(s):

- Provisional US Patent Application SN 60/075/979, filed 02/25/1998;
- PCT application PCT/US99/04001, filed 2/24/1999, and derived applications issued as:
- AU 754,047, issued 06/06/2003;
- US 6,699,710, issued 3/2/2004;
- EP 1,068,528, granted 08/02/2006, and validated in AT, BE, CH, CY, DE, DK, ES, FI, FR, GB, GR, IE, IT, LU, MC, NL, PT and SE; and CA 2,318,984, issued 04/28/2009;
- All entitled: "**Tumor Tissue Microarrays for Rapid Molecular Profiling**", by Kononen et al. (NHGRI) (E-002-1998/0)

CE marked for IVD applications

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REVENUE ID: 1000453540 - EIN: 46-1766310